atter

Energy

OHCes

Machines



"MAY THE FORCE BE WITH YOU... USE THE FORCE, LUKE." You probably heard these phrases in the Star Wars Movies! But back down here on Earth, scientists think of "force" and "forces" in different ways. You may wonder why your body wants to "slide" to the side of the car as you go around a tight turn in the road? Has your stomach felt queazy on a roller-coaster ride? Why should you not be riding in the back of a pickup truck while going around a curve traveling too fast? All of these questions and experiences deal with the force that this chapter deals with. Stay away from the dark side with us and Click on the "next" button below to explore the force that is with you!

- 1 Newton's First Law
- 2 Newton's Second Law
- 3 Newton's Third Law
- 4 Forces
- 5 Balanced and Unbalanced Forces
- 6 Balanced and Unbalanced Forces Answers
- 7 Force and Motion
- 8 Foilboat Activity
- 9 Forms of Energy







Converting between Energy Forms

Potential and Kinetic Energy

Rock and Roll Mania

Gravity

Velocity and Acceleration

Velocity and Acceleration Answers

Hot Air Balloon Activity

Yummy Pizza!



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